Methanesulfonic acid
75-75-2 | DTXSID4026422

Model Performance

Model	Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.87	0.81	0.87	0.82	0.86	0.86

Model Results

Predicted value: 6.76 mol/L

Global applicability domain: Inside

Local applicability domain index: 6.12e-01

Confidence level: 6.77e-01

Nearest Neighbors from the Training Set

Image not found
Methanesulfonic acid
Measured: 10.4
Predicted: 6.76

Image not found
Methylarsonic acid
Measured: 1.83
Predicted: N/A

Image not found
Monosodium methanearsonate
Measured: 3.58
Predicted: N/A

Image not found
l-Taurine
Measured: 6.45e-01
Predicted: 8.59e-01

Image not found
2-Hydroxyethanesulfonic acid
Measured: 7.93
Predicted: 6.22